

ABSTRACT OF THE DISCLOSURE

Light source devices for photography using LED elements as a light source known in the prior art provide insufficient quantity of light, and the inability to
5 avoid size increases in order to generate a sufficient quantity of light has been problematic. A photography light source device 1 according to the present invention has a light source comprising a plurality of LED elements 2 generating white light or light of the three primaries and arranged in one or more rows parallel with the direction of the longer side of the photograph, a case 3 having
10 a lens on which linear fresnel cuts 3a have been applied in a linear direction parallel to the arrangement direction is mounted on the LED element 2, and upon lighting of the LED element 2, drive is performed with a current of between 3 and 50 times the magnitude of the rated current thereof and a lighting duration of between 10 and 600 msec. Accordingly, the linear fresnel cuts 3a increase
15 the efficiency of illumination by distributing light uniformly over the area of exposure, and in addition, a large current is applied in a pulse type pattern as the drive current, thus solving the problems by allowing sufficient brightness to be achieved with no associated increases in size.